

Appl. No. 10/605,650
Amdt. dated July 27, 2006
Reply to Office action of June 30, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1-7 (cancelled).

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8 (original): A position adjustment device for adjusting a position of a mounting plate having a plurality of though holes relative to a tray of an optical disk drive for preventing an optical disk mounted on the mounting plate from colliding with the tray, the device comprising:

10 a plurality of bases installed on the tray corresponding to the through holes on the mounting plate;
a plurality of screws threaded into the bases through the corresponding through holes to fasten the mounting plate onto the tray; and
a plurality of nuts threaded onto the screws to fasten the screws onto
15 the mounting plate.

20 9 (original): The device of claim 8, wherein a depth of each of the screws in the corresponding base is set to adjust the relative alignment of the mounting plate and the tray.

10 (original): The device of claim 8, wherein each of the bases is a copper pillar with screw threads.

25 11 (original): The device of claim 10, wherein the copper pillar is a cylinder with an indent at the center of one face, and the screw threads are positioned on an inside wall of the indent.

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12 (original): The device of claim 10, wherein the copper pillar is a hollow cylinder, and the screw threads are positioned on an inside wall of the cylinder.

5 13 (original): The device of claim 8 further comprising a plurality of dampers located between the nuts and the mounting plate, and between a head of each of the screws and the mounting plate for preventing the optical disk drive from being affected by vibrations during operation.

10 14 (original): The device of claim 13, wherein the dampers are rubber pads.

15 (original): A mounting structure of an optical disk drive comprising:

a mounting plate comprising a notched base plate;

a tray comprising a base;

15 a damper installed on the notched base plate; and

a screw, wherein a portion of the screw is threaded into the base, and

the damper elastically connects the mounting plate to the screw;

wherein the screw is capable of being rotated in the base to adjust a

depth of the screw threaded into the base to set a distance between the

20 mounting plate and the tray.

16 (original): The mounting structure of claim 15, wherein the screw

further comprises a shaft and a head, and the mounting structure

further comprises a nut, the nut being threaded onto the shaft of the

25 screw so that a predetermined clearance is left between the nut and the

head of the screw for installing the damper.

17 (original): The mounting structure of claim 15, wherein the base is a

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copper pillar with an inside circular sidewall, the circular sidewall having screw threads for accepting the screw.

- 18 (original): The mounting structure of claim 15, wherein the damper is cylindrical and comprises an upper large diameter portion and a lower large diameter portion, a space between the upper and lower large diameter portions having a smaller diameter for fitting into the notched base plate of the mounting plate.
- 10 19 (original): The mounting structure of claim 15, wherein the screw further comprises a glue layer on the surface of the threads of the screws for fixing the depth of the screw in the base.